

A B S T R A C T

The present invention relates to a microwave device for at least one of dissipating and attenuating power,
5 the device comprising:

- an insulating substrate;
- at least one conductive strip of a microwave transmission line on a face of the substrate;
- at least one ground zone; and
- 10 - at least one resistive layer placed on said face of the substrate, the resistive layer having at least a first region to which the conductive strip(s) is connected and a second region connected to the ground zone, the resistive layer presenting a longitudinal axis;
- 15 in which device:

- the resistive layer is covered at least in part by a ground plane connected to the ground zone and insulated from the resistive layer by an insulating layer;

wherein said ground plane comprises a conductive material
20 silkscreen printed on the insulating layer.